Semiconductor Refrigerated Incubator LX501SCI

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Description

Semiconductor Refrigerated Incubator LX501SCI uses Peltier (semiconductor) refrigeration technology to achieve precise low-temperature control. It is equipped with advanced PID temperature regulation, an LCD color display, and a glass inner door for easy observation. This incubator is ideal for the cultivation of bacteria, mold, and other microorganisms in low-temperature environments, as well as for sample preservation and various laboratory tests.

Specifications

Volume	70 L
Cycle mode	Forced convection
Temp. range	20 - 65°C
Temp. resolution ratio	0.1°C
Temp. motion	± 0.5°C
Temp. uniformity	± 0.5°C (37°C)
Inner chamber	Mirror stainless steel
Outer shell	Cold rolling steel electrostatic spraying exterior
Insulation layer	Polyurethane
Heater	Heating element
Refrigerator	Semiconductor chilling plate
Temp. control mode	Intelligent PID
Temp. setting mode	Touch button setting

Temp. display mode	LCD
Timer	0 - 9999 Minutes (with timing wait function)
Operation function	Fixed temperature operation, fixed timing operation, auto-stop
Sensor	PT100
Safety device	Over temperature sound-light alarm
Inner chamber size (W x L x H)	415 x 350 x 500 mm
Power	0.5 kW
Power supply	AC 220 V, 50/60 Hz / 2.3 A
External dimension (W x L x H)	500 x 475 x 828 mm
Net weight	35 Kg
Packing dimension (W x L x H)	620 x 600 x 1010 mm
Gross weight	45 Kg

Features

- It has LCD color screen display
- Equipped with advanced PID temperature control
- Space-saving stacking-foot design
- Forced-air convection function
- Over-temperature audible and visual alarm system
- Equipped with sensor deviation correction and temperature overshoot self-tuning

- Internal parameter locking and power-off parameter memory
- Inner glass door for easy observation, controlled by a door control switch linked to control system

Applications

- It is widely used in environmental protection, health and epidemic prevention, drug testing, agriculture and livestock, universities, and other major laboratory fields.

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